Received in Interf. 4-13-87

Yale 204-RSB:LS OCR No. 133 SY-9492 #6 Dhomes 5/2/87

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Tai-Shun Lin and William H. Prusoff

Serial No. : 942,666

Filed : December 17, 1986

For : THE USE OF 3'-DEOXYTHYMIDIN-2'-E

THE USE OF 3'-DEOXYTHYMIDIN-2'-ENE (3'-DEOXY-2',3'-DIDEHYDROTHYMIDINE) IN

TREATING PATIENTS WITH RETROVIRUSES

Art Unit : 125

Examiner

\_\_\_\_\_\_

April 8, 1987

Hon. Commissioner of Patents and Trademarks Washington, D.C. 20231

Sir:

## INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R. paragraphs 1.97-1.99, copies of each of the references listed on the attached form PTO-1449 are enclosed herewith.

D. Dormont, B. Spire, F. Barre-Sinoussi, L.

Montagnier and J. C. Chermann, Ann. Inst. Pasteur/Virol.,

75, 136E, (1985); W. Rosenbaum, D. Dormont, B. Spire, E.

Vilmer, M. Gentilini, C. Griscelli, L. Montagnier, F.

Barre-Sinoussi and J. C. Chermann, Lancet, i, 450, (1985);

D. D. Ho, K. L. Hartshorn, T. R. Rota, C. A. Andrews, J. C.

Kaplan, R. T. Schoolkey and M. S. Hirsch, Lancet, i, 602,

(1985); J. B. McCormick, J. P. Getchell, S. W. Mitchell and

D. R. Hicks, Lancet, ii, 1367, (1984); E. G. Sandstrom, J.

C. Kaplan, R. E. Byington and M. S. Hirsch, Lancet, i, 1480,

(1984) and P. S. Sarin, Y. Taguchi, D. Sun, A. Thornton, R.

C. Gallo and B. Oberg, <u>Biochem. Pharmac.</u>, <u>34</u>, 4075, (1985) are described on page 2 of the application.

R. Anand, J. L. Moore, A. Srinivason, V. Kalyanaraman, D. Francis, P. Feorino and J. Curran,

Abstracts of the International Conference on Acquired Immune

Deficiency Syndrome (AIDS), April 14-17, Atlanta, GA, page

72, (1985)\* is described in the paragraph bridging pages 2

and 3 of the application.

H. Mitsuya, M. Popovic, R. Yarchoan, S. Matsushita, R. C. Gallo and S. Broder, Science, 226, 172, (1984); H. Mitsuya, S. Matsushita, M. E. Harper and S. Broder, Cancer Res., 45, 4583s, (1985); E. DeClercq, Cancer Lett., 8, 9, (1979); A. Pompidou, D. Zagury, R. C. Gallo, D. Sun, A. Thornton and P. S. Sarin, Lancet, ii, 1423, (1985); P. Chandra and P. S. Sarin, <u>Drug Res.</u>, <u>36</u>, 184, (1986); R. Anand, J. Moore, P. Feorino, J. Curran and A. Srinivasan, Lancet, i, 97, (1986); P. S. Sarin, R. C. Gallo, D. I. Scheer, F. Crews and A. S. Lippa, New Engl. J. Med., 313, 1289, (1985); W. Ostertag, T. Cole, T. Crozier, G. Gaedicke, J. Kind, N. Kluge, J. C. Krieg, G. Roselser, G. Sheinheider, B. J. Weimann and S. K. Dube, Proceedings of the 4th International Symposium of the Princess Takamatsu Cancer Research Fund, Tokyo, 1973, Differentiation and Control of Malignancy of Tumor Cells, Eds. W. Nakahara, T. Ono, T. Sugimura and H. Sugano, page 485, University of Tokyo Press, Tokyo, (1974); W. Ostertag, G. Roseler, C. J. Kreig, T. Cole, T. Crozier, G. Gaedicke, G. Steinheider, N. Kluge and S. K. Dube, Proc. Natn. Acad. Sci. USA, 71, 4980, (1974); S. L. Dube, G. Gaedicke, N. Kluge, B. J. Weimann, H. Melderis, G. Steinheider, T. Crozier, H. Beckmann and W. Ostertag,

<sup>\*</sup> copy not enclosed

Proceedings of the 4th International Symposium of the Princess Takamatsu Cancer Research Fund, Tokyo, 1973,

Differentiation and Control of Malignancy of Tumor Cells,

Eds. W. Nakahara, T. Ono, T. Sugimura and H. Sugano, page 99, University of Tokyo Press, Tokyo, (1974) and S. K. Dube,

I. B. Pragnell, N. Kluge, G. Gaedicke, G. Steinheider and W. Ostertag, Proc. Natn. Acad. Sci. USA, 72, 1863, (1975) are described on page 3 of the application.

H. Mitsuya, K. J. Weinhold, P. A. Furman, M. H. St. Clair, S. Lehrman Nusinoff, R. C. Gallo, D. Bolognesi, D. W. Barry and S. Broder, Proc. Natn. Acad. Sci. USA, 82, 7096, (1985) is described in the paragraph bridging pages 3 and 4 of the application.

H. Mitsuya and S. Broder, <u>Proc. Natn. Acad. Sci.</u>

<u>USA</u>, <u>83</u>, 1911, (1986); E. DeClercq, <u>J. Med. Chem.</u>, <u>29</u>, 1561, (1986) and Lin et al, <u>Biochem. Pharmacol.</u>, in press are described on page 4 of the application.

J. P. Horwitz, J. Chua, M. A. Da Rooge, M. Noel and I. L. Klundt, <u>J. Org. Chem.</u>, <u>31</u>, 205, (1966) is described on page 6 of the application.

Respectfully submitted,

SPRUNG HORN KRAMER & WOODS

y\_\_\_\_\_ Richard S

Reg. No. 28,180

encl.

600 Third Avenue New York, NY 10016 (212) 661-0520